

1 **CLAIMS**

2 What is claimed is:

3 1. A method comprising:

4 selecting a video source view from at least one of a plurality of vehicle-
5 mounted video sources based on detection of a vehicle event.

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7 2. A method as recited in claim 1 further comprising displaying the

8 video source view according to a presentation mode.

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10 3. A method as recited in claim 1 further comprising detecting the

11 vehicle event.

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13 4. A method as recited in claim 1 further comprising associating a

14 plurality of vehicle events with at least one video source view.

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16 5. A method as recited in claim 1 further comprising associating a

17 plurality of vehicle events with at least one video presentation mode.

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19 6. A method as recited in claim 1 further comprising configuring a data

20 structure on a computer readable medium, the data structure comprising an

21 association between a vehicle event indicator and video source view.

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2 7. A method as recited in claim 1 further comprising configuring a data
3 structure on a computer readable medium, the data structure comprising an
4 association between a vehicle event indicator and a mode of presenting a video
5 source view.

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8 8. A method as recited in claim 2 wherein the displaying operation
9 comprises displaying the video source view in at least one of a full screen mode, a
10 windowed mode, and a default mode.

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12 9. A method as recited in claim 2 wherein the displaying operation
13 comprises simultaneously displaying multiple video source views.
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16 10. A method as recited in claim 1 wherein the vehicle event comprises
17 at least one of:

- 18 a left turn signal state;
19 a right turn signal state;
20 a left front door open signal state;
21 a left rear door open signal state;
22 a right front door open signal state;
23 a right rear door open signal state;

1 a headlights signal state;
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3 a reverse gear signal state;
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5 an obstacle detection signal state;
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7 a light sensor state;
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9 a temperature sensor state;
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11 an audio sensor state.

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11. A method as recited in claim 1 wherein the selecting step comprises looking up an event indicator corresponding to the event in a table of video presentation rules.

12. A method as recited in claim 1 further comprising configuring presentation rules associating a plurality of event indicators with a plurality of video display modes.

1 13. A computer-readable medium having stored thereon computer-
2 executable instructions for performing a computer process comprising:

3 selecting a video source view from at least one of a plurality of vehicle-
4 mounted video sources based on detection of a vehicle event.

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7 14. A computer-readable medium as recited in claim 13, the process
8 further comprising displaying the video source view according to a presentation
9 mode.

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11 15. A computer-readable medium as recited in claim 13, the process
12 further comprising detecting the vehicle event.

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15 16. A computer-readable medium as recited in claim 13, the process
16 further comprising associating a plurality of vehicle events with at least one video
17 source view.

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20 17. A computer-readable medium as recited in claim 13, the process
21 further comprising associating a plurality of vehicle events with at least one video
22 presentation mode.

1 18. A computer-readable medium as recited in claim 13, the process
2 further comprising configuring a data structure on a computer readable medium,
3 the data structure comprising an association between a vehicle event indicator and
4 video source view.

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7 19. A computer-readable medium as recited in claim 13, the process
8 further comprising configuring a data structure on a computer readable medium,
9 the data structure comprising an association between a vehicle event indicator and
10 a mode of presenting a video source view.

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12 20. A computer-readable medium as recited in claim 14 wherein the
13 displaying operation comprises displaying the video source view in at least one of
14 a full screen mode, a windowed mode, and a default mode.
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17 21. A computer-readable medium as recited in claim 14 wherein the
18 displaying operation comprises simultaneously displaying multiple video source
19 views.
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22 22. A computer-readable medium as recited in claim 13 wherein the
23 vehicle event comprises at least one of:

24 a left turn signal state;
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1 a right turn signal state;
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3 a left front door open signal state;
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5 a left rear door open signal state;
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7 a right front door open signal state;
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9 a right rear door open signal state;
10 a lights on signal state;
11 a reverse gear signal state;
12 an obstacle detection signal state;
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15 a light sensor state;
16 a temperature sensor state;
17 an audio sensor state.

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25 23. A computer-readable medium as recited in claim 13 wherein the
selecting step comprises looking up an event indicator corresponding to the event
in a table of video presentation rules.

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1 25. A system comprising:

2 3 display logic selecting a video source view from at least one of a plurality
3 4 of vehicle-mounted video sources based on detection of a vehicle event.

5 26. A system as recited in claim 25 further comprising a display device

6 7 displaying the video source view according to a presentation mode.

8 27. A system as recited in claim 25 further comprising a vehicle sensor

9 10 detecting the vehicle event.

11 28. A system as recited in claim 25 further comprising presentation rules

12 13 including an association between a plurality of vehicle events and at least one

14 15 video source view.

16 29. A system as recited in claim 25 further comprising presentation rules

17 18 including an association between a plurality of vehicle events and at least one

19 20 video presentation mode.

21 30. A system as recited in claim 25 further comprising a user interface

22 23 operable to receive input for configuring a data structure on a computer readable

1 medium, the data structure comprising an association between a vehicle event
2 indicator and video source view.

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4 31. A system as recited in claim 25 further comprising a user interface
5 operable to receive input for configuring a data structure on a computer readable
6 medium, the data structure comprising an association between a vehicle event
7 indicator and a mode of presenting a video source view.

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10 32. A system as recited in claim 26 wherein the display device displays
11 the video source view in at least one of a full screen mode, a windowed mode, and
12 a default mode.

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15 33. A system as recited in claim 26 wherein the display device
16 simultaneously displays multiple video source views.

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19 34. A system as recited in claim 25 wherein the vehicle event comprises
20 at least one of:

- 21 a left turn signal state;
22 a right turn signal state;
23 a left front door open signal state;
24 a left rear door open signal state;

1 a right front door open signal state;
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3 a right rear door open signal state;
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5 a lights on signal state;
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7 a reverse gear signal state;
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9 an obstacle detection signal state;
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11 35. A system as recited in claim 25 wherein the display logic looks up an
12 event indicator corresponding to the event in a table of video presentation rules.

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15 36. A system as recited in claim 25 further comprising extensible
16 presentation rules associating a plurality of event indicators with a plurality of
17 video display modes.

1 37. A vehicle comprising:

2 a computer having display logic selecting a video source view from at least
3 one of a plurality of video sources mounted on the vehicle based on detection of a
4 vehicle event.

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6 38. A vehicle as recited in claim 37 further comprising a display device
7 communicating with the computer to display the video source view according to a
8 presentation mode.

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11 39. A vehicle as recited in claim 37 further comprising a vehicle sensor
12 in communication with the computer, the vehicle sensor detecting the vehicle
13 event.

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16 40. A vehicle as recited in claim 37, wherein the computer further
17 comprises a computer-readable medium having stored thereon presentation rules
18 including an association between a plurality of vehicle events and at least one
19 video source view.

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22 41. A vehicle as recited in claim 37, wherein the computer further
23 comprises a computer-readable medium having stored thereon presentation rules

1 including an association between a plurality of vehicle events and at least one
2 video presentation mode.
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4 42. A vehicle as recited in claim 37 further comprising a user interface
5 operable to receive input for configuring a data structure on a computer-readable
6 medium, the data structure comprising an association between a vehicle event
7 indicator and video source view, the data structure being readable by the display
8 logic to select the video source view.
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11 43. A vehicle as recited in claim 37 further comprising a user interface
12 operable to receive input for configuring a data structure on a computer readable
13 medium, the data structure comprising an association between a vehicle event
14 indicator and a mode of presenting a video source view, the data structure being
15 readable by the display logic to select the video source view.
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18 44. A vehicle as recited in claim 38 wherein the display device displays
19 the video source view in at least one of a full screen mode, a windowed mode, and
20 a default mode.
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23 45. A vehicle as recited in claim 38 wherein the display device
24 simultaneously displays multiple video source views.
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2 46. A vehicle as recited in claim 37 wherein the vehicle event is selected
3 from a group comprising:
4 a left turn signal state;
5 a right turn signal state;
6 a left front door open signal state;
7 a left rear door open signal state;
8 a right front door open signal state;
9 a right rear door open signal state;
10 a lights on signal state;
11 a reverse gear signal state;
12 an obstacle detection signal state;
13 a light sensor state;
14 a temperature sensor state;
15 an audio sensor state.
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21 47. A vehicle as recited in claim 37 wherein the display logic looks up
22 an event indicator corresponding to the event in a table of video presentation rules.
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1 48. A vehicle as recited in claim 37 further comprising extensible
2 presentation rules associating a plurality of event indicators with a plurality of
3 video display modes.

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